

L 26475-65 EWT(1)/EEG(f)/EWA(d) IJP(c) GG

ACCESSION NR: AR5004861

S/0058/64/000/011/E086/E086

SOURCE: Ref. zh. Fizika, Abs. 11B693

AUTHORS: Moskalenko, V. A.; Palistrant, M. Ye.; Kon, L. Z.

TITLE: A criterion for superconductivity

CITED SOURCE: Izv. AN MoldSSR. Ser. yestestv. i tekhn. n., no. 7, 1963, 63-78

TOPIC TAGS: superconductivity, pair excitation, electron pair, Frohlich model, superconductivity criterion

TRANSLATION: The conditions for stability in a Frohlich model, with account of Coulomb interaction, was investigated with the aid of the criterion for the instability of the normal state relative to formation of electron pairs, introduced by Bogolyubov and consisting in the fact that the energy of such paired excitations becomes imaginary. A numerical analysis is presented for the superconductivity criterion obtained in this manner. R. Suris.

SUB CODE: SS, MM

ENCL: 00

Card 1/1

L 32204-65 ENT(1)/T/EEC(b)-2 IJP(c) GS

ACCESSION NR: AT5005421

S/0000/64/000/001/0039/0040

AUTHOR: Paliatrant, M. Ye.

TITLE: The theory of multiphonon transitions within the F-center

SOURCE: Nauchnaya konferentsiya molodykh uchenykh Moldavii, 3d. Trudy, no. 1:
Yeastestvenno-tekhnicheskiye nauki (Natural and technical sciences). Kishinev,
Gosizdat Kartya Moldovenyaske, 1964, 39-40

TOPIC TAGS: F center, multiphonon transition, electron transition, lattice oscillation

ABSTRACT: The author studied optical F-center transitions taking into account the changes in equilibrium positions and phonon frequencies during electron transitions. The Hamiltonian used describes the interaction of the F-center with all branches of the lattice oscillations and the anharmonic interactions between the branches. The formulas derived for the position of the maxima of the F-center absorption band and for the half-width of the band may be used for further calculations only after additional essential simplifications. Orig. art. has: 9 formulas.

ASSOCIATION: None

Card 1/2

132204-65

ACCESSION No: AT5005421

SUBMITTED: 07Feb64

ENCL: 00

SUB CODE: SS

NO REF SOV: 002

OTHER: 000

Card 2/2

L 15248-65 EWT(1)/EEG(b)-2/T IJP(c)/ASD(a)-5/ESD/AFSL/AS(mp)-2/APGC(b)/ESD(us)/ESD(t)

ACCESSION NR: AP4048744

S/0051/64/017/005/0728/0733

AUTHORS: Palistrant, M. Ye.; Moskalenko, V. A.

TITLE: Contribution to the theory of optical bands of F-centers 21

SOURCE: Optika i spektroskopiya, v. 17, no. 5, 1964, 728-733

TOPIC TAGS: F center, optical band, spectral curve, phonon, crystal lattice vibration, emission spectrum, absorption spectrum

ABSTRACT: The first moments of the spectral curves are calculated with allowance for the change in the phonon equilibrium positions and the phonon frequencies during an electronic transition from a 1s ground state to a 2p excited state. Simplified electronic functions are used together with a simple model for the lattice vibrations, and the temperature shift of the maximum of the spectral light absorption and emission bands are calculated, together with their half-widths and the deviations from mirror symmetry of the light

Cord 1/2

L-15248-65

ACCESSION NR: AP4048744

emission and absorption spectra. "One of the authors (O. V. Moskalenko) expresses deep gratitude to S. V. Tyablikov for a discussion of the results of the work." Orig. art. has: 29 formulas and 2 tables.

ASSOCIATION: None

SUBMITTED: 28Nov63

ENCL: 00

SUB CODE: OP, BB

NR REF SOV: 010

OTHER: 004

Card 2/2

PALISZEWSKA, Ewa, mgr inż.

Set of microwave measuring instruments for band C.
Przegl telekom 36 [i.e. 37] no. 4: Supplement: Biul
przem inst telekom 17 no. 1: 124-128 Ap '64.

Paliszewski, W.

"Training the Staff for New Plants", p. 81 - Lignin, Its Chemistry and Technical Application;
p. 83 (PRZESŁAD PAPIERNICZY, Vol. 2, #3, March, 1953, Lodz, Poland

SO: Monthly List of East European Accessions, Vol. 2, #2, Library of Congress, August, 1953
Uncl.

PALITSIN, N. D.

Palitsin, N. D. "Geochemical Investigation of Rocks in the Ishikhaev Oil-Field." In the book: Materialy k Razrabotke Ispytaniya i Otsenke Kachestva Nefti. Group 1. Petrologiya, Petrologiya-Razved. Institute, Leningrad-1977. Series A, No. 1, p. 1-10.

ASEYEVA, I.V., KUCHAYEVA, A.G., PALITSKIN, N.P., STRUKOV, V.V.

Soviet gibberellin; production methods and activity testing.
Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no.3:
3-12 '59. (MIRA 13:7)

1. Kafedra biologii pochv Moskovskogo universiteta, Institut mikrobiologii AN SSSR i Farmatsevticheskiy zavod im. Karpova.

(GIBBERELLINS)

PALITSKIY, A.; SOKOLOV, A.

Manufactured according to the new styles. Mest.prom.i khud.promys.
3 no.5:26 My '62. (MIRA 15:6)

1. Rabotniki Rzhenskogo gorodskogo upravleniya bytovogo
obslyuzhivaniya.

(Riga—Orthopedic shoes)

PALITSKIY, M.---

This concerns all state farms. Okhr. truda i sots. strakh. 4
no.5:36-37 My '61. (MIRA 14:5)

1. Predsedatel' rabochkoma sovkhoza imeni Lenina, Bol'shaya
Moskva, Ul'yanevskiy rayon.
(Moscow Province--Agriculture--Hygiene aspects)

PALITSYN, N. D.

Ca

Geochemical investigations of the Ishimbay deposits of petroleum. N. D. Palitsyn. *Trudy Nef. Geol. Razved. Inst. Ser. A, No. 101, 3: 60 (1938); Khim. Referat. Zhur. 2, No. 1, 24 (1939)*. Data on org. C according to the method of Knopp) and of bitumens (CHCl_3 extract) are given. The results are summarized in the form of a table and a diagram. The CaO , MgO and SiO_2 contents of the deposits are given. Calcite, dolomite, magnesite and anhydrite are present. Calcite is the most abundant mineral of all. Dolomite is present only where there are considerable amts. of anhydrite, this substantiates Heudinger's reaction for the formation of dolomite. No explanation is given for the presence of bitumen deposits in zones rich in Mg.

W. R. Hein

Also see METALLURGICAL LITERATURE CLASSIFICATION

1

PALITSYN, N. D.
C 4

Results of geochemical investigations of the carbonate deposits of the Ishimbayev oil fields. N. D. Palitsyn. *Materialy Stratigraphii i Tekhnicheskaya Tsel'nost' Trudov Neftyanogo Geologicheskogo Instituta*, No. 115, 200. 30. Kaim. *Referat Zhur* 1940, No. 8, 21. C. A. 33, 92137. The most important components of these deposits are CaO , MgO and SO_2 . An increased content of MgO is accompanied by higher contents of SO_2 and an inverse proportionality is observed between the content of CaO and MgO . Analyses indicated the presence of dolomitized limestones. The anhydrite found in the rocks was formed partly as the result of the Hasting reaction. This is supported by an increased content of SO_2 in specimens which contained dolomite. No connection was observed between the content of magnesite and anhydrite. The Hasting reaction took place between the previously formed limestones and the water containing MgSO_4 seeping through the limestones. The amount of bitumens was in general higher in specimens which contained higher contents of MgO and SO_2 . W. R. Henn

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

PALITSYN, N.D., kand. geol.-miner. nauk, otv. red.; REYKHERT,
L.A., red. izd-va; ZENDEL', M.Ye., tekhn. red.

[Development and use of aerial methods in geological and
geophysical studies] Razrabotka i primeneniye aerometodov v
geologo-geofizicheskikh issledovaniyakh. Moskva, Izd-vo
Akad. nauk SSSR, 1963. 130 p. (MIRA 16:6)

1. Akademiya nauk SSSR. Laboratoriya aerometodov.
(Astronautics in geology)

Palitsyn, N.D.

1957/1958
1007-7-24

Abstracts and Index. Laboratory of Aerogeophysics

Book, two 8. Materials VII Vsesoyuznogo nauchnoissledovatel'skogo seminarstva po teme "Yube 25 Sovetskoye - 1 Dekabrya 1956 g. (Materials of the 25th Anniversary of the October Revolution)". Materials of the 25th All-Union Interdepartmental Conference on Aerial Surveying, 25 November-1 December 1956) Moscow, Geogeolizdat, 1959. 300 p. 5,000 copies printed.

Ed. of Publishing House: V. G. Plakot; Tech. Ed.: O. A. Gurov; Ed. of Aerial Commission: S. O. Kell', Corresponding Member, Academy of Sciences USSR; A. A. Logachev, V. P. Mironovskiy (Resp. Ed.), and S. E. Smolov.

REMARKS: This publication is intended for geographers, geologists, geographers, and other scientific and technical personnel concerned with aerial photography.

CONTENTS: This issue of the Transactions of the Laboratory of Aerial Survey Methods contains the second part of materials presented at the 7th All-Union Interdepartmental Conference on Aerial Surveying which took place in Leningrad, November 25 through December 1, 1956. Articles treat problems dealing with the execution and application of aerial survey methods in geological, geomorphological, and geophysical investigations. Special attention is directed to aerial survey methods in geological and geomorphological mapping and geophysical investigations. The methods of aerial photography and geophysical methods of aerial photography are described. References accompany individual articles.

TABLE OF CONTENTS:

Kryukov, A. I. [All-Union Scientific Research Institute of Geophysical Prospecting Methods]. Results of Applying Large Scale Aerogeophysical Combined (Radiometric and Magnetometric) Method of Prospecting 258

Orlov, V. P. [Soviet Scientific Research Institute of Geophysical Prospecting Methods]. Results of Applying Large Scale Aerogeophysical Combined (Radiometric and Magnetometric) Method of Prospecting 259

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Orlov, V. P. [Soviet Scientific Research Institute of Geophysical Prospecting Methods]. Results of Applying Large Scale Aerogeophysical Combined (Radiometric and Magnetometric) Method of Prospecting 274

SHUL'TS, Sergey Sergeyevich, doktor geol.-miner. nauk; MOZHAYEV, Boris Nikolayevich, MOZHAYEVA, Valentina Grigor'yevna; RUKOYATKIN, Anatoliy Arkad'yevich; DOLGO-LABEYVOL'SKIY, Anatoliy Vasil'yevich, PA.ITSYN, Nikolay Dmitriyevich; POKHAREV, Yevgeiy Vasil'yevich; SHENGER, I.A., red. izd.-va; ZAMARAYEVA, R.A., tekhn. red.

[Sudoma Upland, geological and geomorphological outline]
Sudomskaya vozvyshennost', geolog-geomorfologicheskii ocherk.
[By] S. S. Shul'ts and others. Moskva: Izd-vo AN SSSR, 1963. 118 p.
[English title]
MIRA 16:10,
(Sudoma Upland-Geology)

L 15243-66 EWT(m)/EWP(j) RM

ACC NR: AP6000943

SOURCE CODE: UR/0286/65/000/022/0028/0028

AUTHORS: Malakhov, V. I.; Palitsyn, N. P.; Piskunova, Ye. M.

ORG: none

TITLE: A method for obtaining ferrocene. Class 12, No. 176293¹⁶

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 28

TOPIC TAGS: ferrocene, iron compound, organometallic compound, organoiron compound

ABSTRACT: This Author Certificate presents a method for obtaining ferrocene by reacting anhydrous ferrous chloride, diethylamine, and cyclopentadiene, and by subsequent separation of the product. To simplify the method, the process is carried out in the presence of excess diethylamine. The product is separated by steam distillation and washed with boiling distilled water. The anhydrous ferrous chloride is obtained by heating hydrated ferrous chloride in vacuum at 160°C.

SUB CODE: 07/ SUBM DATE: 08Oct63

Card 1/1

UDC: 547.419.6'172.07

NESMEYANOV, A.N.; VIL'CHEVSKAYA, V.D.; KOCHETKOVA, N.S.; PALITSYN, N.P.

Synthesis of phosphorus-containing derivatives of ferrocene.
Izv. AN SSSR. Ser. khim. no.11:2051-2052 N '63. (MIRA 17:1,

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

PALITSYN, Vladimir Andreyevich, inzh.; SPEKTOR, Moisey Isaakovich, inzh.;
OSKOLKOV, Aleksey Ivanovich, inzh.; SAMOKHOTSKIY, A.I., inzh.,
ved. red.; TRUSOV, L.P., kand. tekhn.nauk, red.; SOROKINA, T.M.,
tekhn. red.

[High-temperature double-chamber electric furnace for heating
stamping billets] Vysokotemperaturnaya dvukhkamernaya elektri-
cheskaya pech' dlia nagreva zagotovok pod shtampovku. Moskva,
Filial Vses. in-ta nauchn. i tekhn. informatsii, 1958. 11 p.
(Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 5.
No.M-58-206/12) (MIRA 16:3)

(Electric furnaces)

L 61116-65 EWT(m)/ENP(t)/ENP(b) JD

ACCESSION NR: AP5019095

UR/0286/65/000/012/0114/0114

AUTHORS: Ur'yash, F. V.; Demidov, L. A.; Shiyayev, G. V.; Palitsyn, V. M.

TITLE: A device for evaporating matter in vacuum. Class 48, No 172168

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 114

TOPIC TAGS: vacuum evaporation, evaporation

ABSTRACT: This Author Certificate presents a device for evaporating matter in vacuum (see Fig. 1 on the Enclosure). The device consists of a heater, a backing, and a crucible for the matter to be evaporated. The crucible is placed in a closed space formed by a screen with ducts. To prevent the uncontrollable heating of the device elements by scattered and secondary electrons while using an electron ray heater, the device is provided with deflecting screens and electron collectors placed at the outlets of exhaust ducts in the screen. Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 25May64

ENCL: 01

SUB CODE: MB

NO REF SOV: 000

OTHER: 000

Card 1/2

L 61416-65

ACCESSION NR: AP5019095

ENCLOSURE: 01

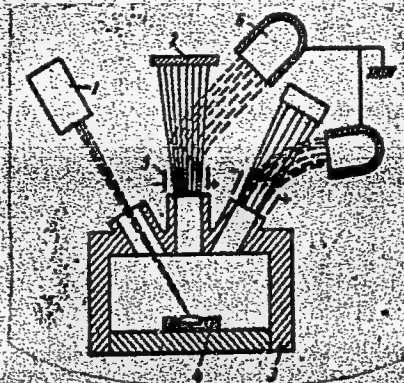


Fig. 1.

1- heater; 2- backing; 3- screen with ducts; 4- crucible with matter to be evaporated; 5- deflecting screens; 6- electron collectors

Cord

2/2

PALITSYN, /E.

Novye vodnye puti. [The new waterways]. (Vodny transport, 1937, no. 11, p. 35
DLC: HE561.R2

Plan 1937 g. i zadachi vodnogo transporta. [The plan for 1937 and the problems of
water transportation] (Vodnyi transport, 1937, no. 4, p. 5-8) DLC: HE561.R8

Planovye voprosy transporta: Vodnyi transport. Porty. [Planning problems of
transportation: Waterway transport; ports]. (Transport i khoz-vo, 1930, no. 5,
p. 131-132). DLC: HE7.T68

SO: Soviet Transportation and Communication. A Bibliography. Library of Congress
Reference Department, Washington, 1952, Unclassified.

USSR/ Laboratory Equipment. Apparatuses, Their Theory, Construction and Application. I

Abs Jour: Referat. Zhur.-Khimiya, No. 3, 1957, 27303.

Author : I.A. Palitsyna.

Title : Adaptation of Spectrophotometer SF-4 to Fast Automatic Recording of Spectra.

Orig Pub: Optika i spektroskopiya, 1956, 1, No. 3, 437-438.

Abstract: In order to arrange an automatic recording of spectra with the spectrophotometer SF-4, its recording device was replaced with the recording device of the spectrophotometer FP-1 (RZhKhim, 1955, 43200; 1956, 19649). The spectrum evolution is carried out by rotating the prism of the monochromator with a motor 2ASM-100 and reductor. At the maximum speed of the evolution, the range of wave lengths from 400 to 218 $m\mu$ is recorded in

Card 1/2

USSR/ Laboratory Equipment. Apparatuses, Their
Theory, Construction and Application.

I

Abs Jour: Referat. Zhur.-Khimiya, No. 9, 1957, 27303.

13 sec., and the range of wave lengths from 700
to 360 $m\mu$ is recorded in 4 sec. The resolving
capacity in the visible range is 4 m , and in the
ultraviolet range it is 0.5 $m\mu$.

Card 2/2

PALITSYNA, I.A.; DIANOV-KLOKOV, V.I.

A simple instrument for the simultaneous measurement of dielectric
constants and phase angle. Izv. tekhn. no. 4:35-36 J1-Ag '55.
(Dielectrics) (MIRA 8:10)

10011 SYN, 7 12

PRIKHO TO A F

24(7) 13 PHASE I BOOK EXPLOITATION 807/1365

L'vov. Universitet

Materialy I Vsesoyuznogo soveshchaniya po spektroskopii. t. 1: Molekulyarnaya spektroskopiya (Papers of the 10th All-Union Conference on Spectroscopy. Vol. 1: Molecular Spectroscopy) [L'vov] Izd-vo L'vovskogo univ-ta, 1957. 499 p. 4,000 copies printed. (Series: Its: Fizichnyy sbirnyk, vyp. 3/8/)

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii. Ed.: Jazer, S.L.; Tech. Ed.: Saranyuk, T.V.; Editorial Board: Lavsterg, G.S., Academician (Resp. Ed., Deceased), Neporent, B.S., Doctor of Physical and Mathematical Sciences, Pabellinakiy, I.L., Doctor of Physical and Mathematical Sciences, Pabrikant, V.A., Doctor of Physical and Mathematical Sciences, Kornitakiy, V.G., Candidate of Technical Sciences, Rayakiy, S.M., Candidate of Physical and Mathematical Sciences, Filinovskiy, L.K., Candidate of Physical and Mathematical Sciences, Miliyanchuk, V.S., Candidate of Physical and Mathematical Sciences, and Glauberman, A. Ye., Candidate of Physical and Mathematical Sciences.

Card 1/30

Dianov-Klokov, V.I., and A.D. Stakhovskiy. Registering Device for Infrared Spectrometers	401
Markov, M.N. The Spectral Sensitivity of a Coated Low-Inertia Bolometer	403
Mal'nev, A.P. Nickel Bolometers	405
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PALITSYNA, I.A.

Automatic recorder of potassium xanthate concentration. TSvet.
met. 34 no.8:17-19 Ag '61. (NIPA 14:1)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Flotation--Equipment and supplies)
(Recording instruments)

Category USSR Electricity - Electronics G-2

Abs Jour Ref Jour - Elektr. No. 11, 1955, p. 1000

Author Palitsyn, A. I.; Tienov-Klikov, I. I.

Title Simple instrument for simultaneous measurement of the dielectric coefficient and the loss angle

Orig Pub Izmerit. tekhnika, 1955, No. 11, p. 1000

Abstract The operation of the instrument is based on measuring the phase difference of voltages in two tuned circuits, which are loosely and symmetrically coupled to a high frequency generator. Connecting one of these circuits in parallel with a standard variable capacitor of unknown capacity C_x disturbs the quality of the phases. The value of C_x is determined from the difference in the reading produced by a standard capacitor when the measured capacity is connected in the circuit and disconnected. The change in Q produced by connecting C_x makes it possible to determine simultaneously the value of $\tan \delta$ of the investigated substance from the change in the slope of the curve on the oscillograph screen. The relative sensitivity of the instrument is 3.5×10^{-4} . The minimum capacitance detectable is 0.02 microfarads. The operating frequency of the generator is 500 kc. The instrument is fed from an ac line (without voltage stabilization).

Card 1/1

PALITSYNA, I.A.

Device for the SF-4 spectrophotometer used in rapid automatic
recording of spectra. Opt.1 spekt. 1 no.3:437-438 J1 '56.
(Spectrophotometer) (MIRA 9:11)

PALITSYNA I A.

Automatic spectrophotometry for rapid determination of
the absorption spectra. Voj. Ilyanov-Klov, I. A. Karit-
syna, I. A. Palitsyna, and N. L. Kupchikova. Zashchita
Lab. 21-000-10000; cf. previous paper. In 30-60 sec
absorption spectra curves can be obtained. Diagrams of
spectra are given.
N. C.

PH

(4)

6000

Sum

L 3978-66

ACCESSION NR: AP5022357

UR/0115/65/000/007/0035/0039
621.314.22.001.24

14
03

AUTHOR: Dianov-Klokov, V. I.; Stakhovskiy, A. D.; Palitsyna, I. A.

TITLE: Designing the input transformer of an amplifier for a thermocouple and bolometer (operating frequency, dimensions, inherent noise)

SOURCE: Izmeritel'naya tekhnika, no. 7, 1965, 35-39

TOPIC TAGS: circuit design, electric transformer, amplifier design, bolometer

ABSTRACT: The authors derive formulas for calculating the equivalent resistivities of losses in the core and wire, inductance per turn and number of turns in the secondary as functions of frequency and core parameters in the input transformer of an amplifier for a thermocouple and bolometer. These formulas are then used for finding the maximum amplification of the transformer as a function of frequency and dimensions. A formula is given for the passband at optimum tuning. The design formulas were tested by making three transformers with cores of various sizes made of various types of permalloy. The results are tabulated. The curves based on experimental data are compared with theoretical curves. There is a noticeable deviation

Card 1/2

L 3978-66

ACCESSION NR: AP5022357

from the theoretical curves only at higher frequencies due to the fact that the design curves do not account for losses from eddy currents nor for self-capacitance. Formulas are also given for determining inherent noise in the transformer. These formulas were experimentally verified on the noisiest transformers and found to agree satisfactorily with empirical data. Orig. art. has: 5 figures, 19 formulas, 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 003

OTHER: 001

CC

Card 2/2

KOLBASOV, V.A.; PALITSYNA, I.A.; SHIBALOV, Ye.A.

Continuous self-recording refractometer. Zav.lab. 30 no. 3;
367-368 '64. (MIRA 17:4)

1. Institut elementoorganicheskikh soedineniy.

PALIUSCINSKAJA, N.; KRUKOVSKAJA, I.; GORIUNOVA, N.

Observations on the course of labor in patients with rheumatic heart disease. Sveik. apsaug. 8 no.11:17-22 '63.

1. Respublikine Vilniaus klinine ligonine. Vyr. gydytojas - V. Zygas, reumatologijos skyriaus vedėja - G. Stasiulionyte, akušerijos-ginekologijos skyriaus vedėjas - A. Striupas.

(LABOR) (RHEUMATIC HEART DISEASE)
(PREGNANCY COMPL., CARDIOVASCULAR)

PALIUSCINSKAJA, N.; PTASEKAS, R.; KRUKOVSKAJA, I.; GORIUNOVA, N.

Clinico-anatomical analysis of mortality of pregnant women
with rheumatic heart disease. Sveik. Apsaug. no.4:10-14 '61.

1. Lietuvos respublikine Vilniaus klinine ligonine (Vyr. gydytojas -
V. Zygas). TSRS MMA Lietuvos eksperimentines medicinos institutas.
(Direktore - E. Karosiene).

1941-1942, 1943.

"The first of these is the 'International Conference on the History of the Second World War'." "

which is the 'International Conference on the History of the Second World War'." "

1941-1942, 1943. The first of these is the 'International Conference on the History of the Second World War'." "

JOSEF J. J. J. J.

ITALIY GOVA, ".

Geological Institute SAV (Geological Institute SAV), Prague

Prague, Časopis pro mineralogii a geologii, No 3, 1964, pp. 17-3.5

"Genesis of Epitaxial in Felsitic and Allied Rocks (Crystallization of Plutonic Rocks II)."

CZECHOSLOVAKIA

PALIVCOVA, Marie; STOVICKOVA, Nadezda.

1. Geological Institute CSAV (Geologicky ustav CSAV), Prague - (for ?); 2. Institute of Applied Geophysics, (Ustav uzite geofyzicky), Prague - (for ?)

Prague, Vestnik ustredniho ustavu geologickeho,
No 2, March 1966, pp 127-136

"Petrographical formations and the origin of magna
in relation to tectogenesis as dealt with in modern
Soviet literature."

51. 11, 11/11/11

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 3, 1961,
pp 362-363.

Data: "Determination of the Extinction Inclination in Monoclinic Amphiboles
and pyroxenes in the Current Microscopic Practice."

Authors: PALIVCOVA, Marie

PEDIUK, Fery

(P. 11/11/11)

PALIVCOVA, Marie

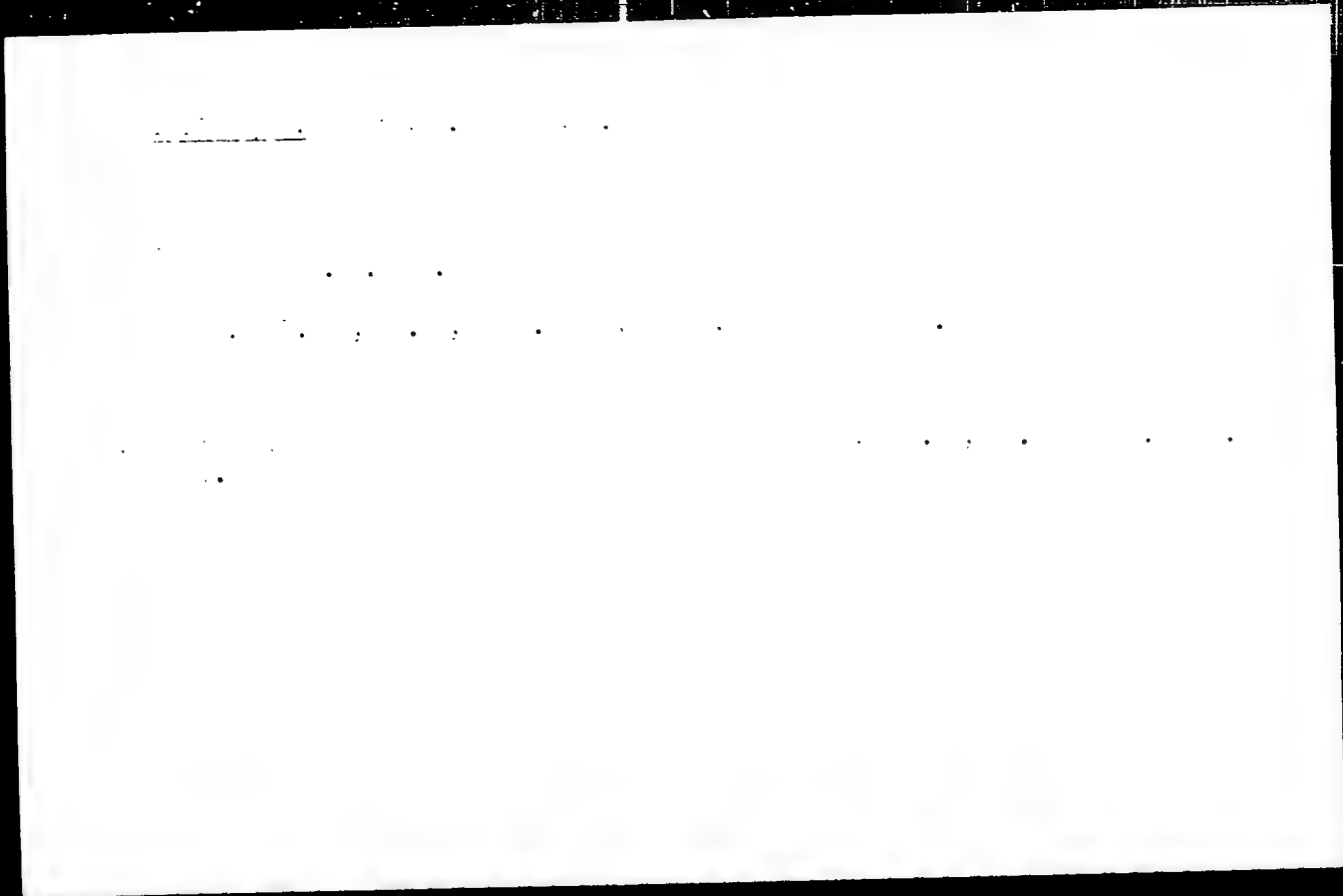
"Basic rocks and problems of their origin." Reviewed by Marie
Palivcova. (as min geol 9 no. 1:73-74 '64.

PALIVCOVA, Marie; KETTNER, Radim. akademik

Geological anniversary. 1945-1946. 1946. 1946.

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PALIVEC, A., inz., RAB, J., inz.; VUCKA, V., inz.

Chemical industry and increased salt content in streams. Vodni
hosp 15 no.3:119-122 '65.

1. Ministry of Chemical Industry, Prague (for Paliv and Rab).
2. Ministry of Agriculture, Forestry and Water resources,
Prague (for Vucka).

Palivec, A.

1. Characterization of Tryptophan in citric acid waste liquor
 J. Leopold, J. Pávek, and A. Palivec (Chem. Works
 Kladno). Collection. Vol. 1, 515-520 (1968). Citric acid
 waste liquor (11-15% w/v, 0-5% sugar) were treated at pH
 2.5 by an addn. of Na_2CO_3 , NaHCO_3 , and PCl_5 , followed by
 heating for 20-30 min., extraction, and filtration. Before
 yeast inoculation, the liquors were either acidified to 7-8%
 and contained added to 1.5-1.8% total sugar content, or
 were left unacidified. $T. utilis$, adapted to this substrate,
 was used. Within the first 6 hours of growth, approx. 850
 ml. of the liquor was added every 20 min. until a final vol. of
 8.0-7.5 l. was reached. Temp. was maintained at 28-30°
 at pH 4.5, and aerated with a mass. of 700 l. of air/hr.
 Batch (0 hr.) and continuous (2, 4, and 100 hr.) growth
 runs were made. Sugar- and polysaccharide-C were
 released by the yeast with a max. conversion coeff. of 160-200
 g/hr. in presence and absence of moisture. Citric acid

(2)

PÁLIVEC, ANTONÍN

3 5

Sulfur fermentation of liquors remaining after the growth of *Torulopsis* in citric acid waste liquors. JIH. Pálivc, Milen Roci, and Antonín Pálivc (Prague Chem. Works, Karmelcov), *Chem. Zvest.* (Berlin) 8, 628-31 (1958).
 The amts. of undesirable components in the citric acid waste liquors were reduced considerably in a 2-step microbiol. operation. The carbohydrates were 1st removed by growing *Torulopsis utilis* in the diltd. (1:1) waste liquors (cf. *C.A.* 43, 16324c; *Poln. Biot.* 1, 151, (1953)). The yeast mass was then harvested and the residual liquor (800 l., pH 6.2) inoculated with a mixt. of *Desulfosporospora desulfuricans*, *Clostridium sporogenes*, and *Aerobacter aerogenes* previously adapted to grow in the citric acid waste liquors. After 7 days of continuous fermentation a total of 1650 l. of the liquors was processed (100-120 l./day). The fermentation was followed by measuring the pH, degree of oxidation, dry wt., ash, total and sulfate S, and total N. In the liquors processed in this way, the amt. of org. matter was reduced by 87%, and total, as well as sulfate S, by 80%. As the H₂S concn. increased, *D. desulfuricans* became increasingly prevalent. Oldrich E. Sebek

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MT

LEOPOLD, Jindřich; FENCL, Zdenek; PALIVEC, Antonin

Culture of *Torulopsis utilis* in wastes from citrate fermentation.
Česk. biol. 4 no.4:212-226 Apr 55.

1. Chemické závody Julia Fučika, n. p., biochemické výzkumné
oddělení, Kzanejov.

(CRYPTOCOCCUS,

utilis, culture in citrates fermentation prod.)

(CITRATES,

culture of *Torulopsis utilis* in citrate fermentation
prod.)

PALITCO, R., inz.

Industrial property as an object of international exchange.
Strojirenstvi 14 no.5:321-322 My '64.

1. Ministry of Heavy Machine Industry, Prague.

PALIVODA, N.

Conference of Urologists in Georgia. Sov. bel. 3 no.2, 67 1 1/2.
(MIRA 16:11)

(UPOLOGY--CONGRESSSES)

PALIVODA, N.I.

Treatment of closed trauma of the kidneys. Zdrav.Bel. 8 no.7:
20-21 J1 '62. (MIRA 15:11)

1. Iz kafedry urologii (zav. - prof. A.I.Mikhel'son) Belorusskogo
instituta usovershenstvovaniya vrachey na baze Minskoy oblastnoy
klinicheskoy bol'nitsy (glavnyy vrach M.I.Kotovich).
(KIDNEYS--WOUNDS AND INJURIES)

PALESTINE, D.C.

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PALIVODA, N.I.

Treatment of functional urinary incontinence in women by exercise therapy with a straight bougie. Urologia 24 no.4:47-48 J1-Ag '59.
(MIRA 12:12)

1. Iz urologicheskoy (zav. - doktor med.nauk A.I. Mikhel'son) Belorusskogo instituta usovershenstvovaniya vrachey na baze Minskoy oblastnoy klinicheskoy bol'nitsy.

(URINATION DISORDERS therapy)

(EXERCISE THERAPY)

PALIVODA, N.I.

Hypernephroma in conjunction with repeated pregnancy in a young woman. Zdrav. Belor. 5 no.3:64 Mr '59. (MIRA 12:7)

1. Iz kafedry urologii Belorusskogo instituta usovershenstvovaniya vrachey (zav. kafedroy - prof. M.N. Zhukova) na baze Minskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach G.A. Tsgoyev).
(KIDNEYS--TUMORS)

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